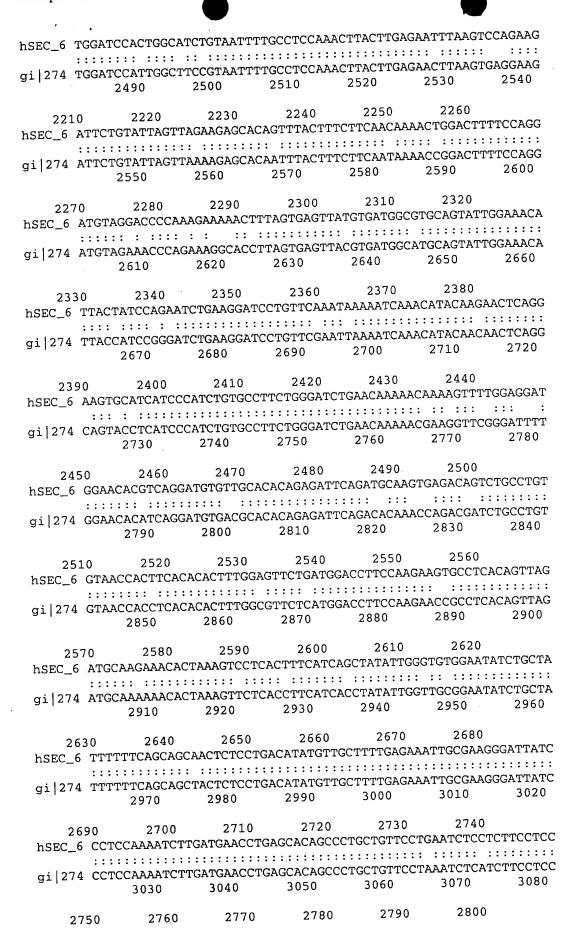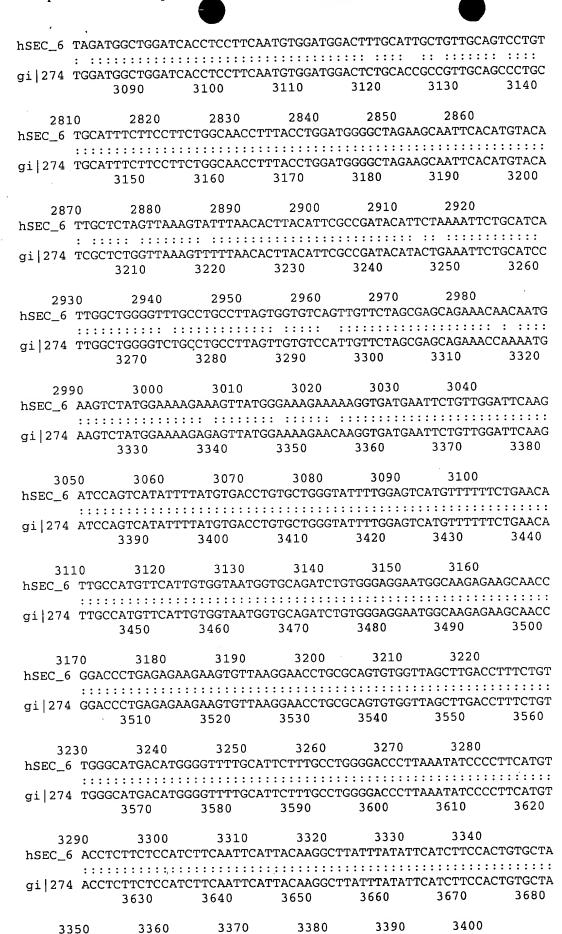Compare Genomic Sequences

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FASTA searches a protein or DNA sequence data bank
version 3.3t05 March 30, 2000
Please cite:
W.R. Pearson & D.J. Lipman PNAS (1988) 85:2444-2448


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 >hSEC_6
 vs  /tmp/fastaDAA1eaa3V library
searching /tmp/fastaDAA1eaa3V library


   4550 residues in      1 sequences

FASTA (3.34 January 2000) function [optimized, +5/-4 matrix (5:-4)] ktup: 6
 join: 91, opt: 76, gap-pen: -16/ -4, width:  16
 Scan time:  0.116
The best scores are:                                           opt
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>>gi|27435854|gb|AF216967.1| Homo sapiens putative vascu   (4550 nt)
 initn: 11373 init1: 11373 opt: 11374
 94.317% identity in 2534 nt overlap (1220-3753:1552-4085)


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gi|274 CCAGCTGTGCAGACCTGGGGACCCTCTGTCAAGATGGAATTATCTATAGAATATCCGTAG
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        1250      1260      1270      1280      1290      1300
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gi|274 TGATTCAGAACATCCTTCGTCACCCTGAGGTAAAAGTACAGAGCAAGGTGGCAGAATGGC
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        1310      1320      1330      1340      1350      1360
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        1370      1380      1390      1400      1410      1420
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gi|274 TGGGTGCTGGAGAGGACAAGATTAAAGTCAAGAGAAGCCTTGAGGATGAGCCAAGGTTGG
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        1430      1440      1450      1460      1470      1480
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gi|274 TGCTTTGGGCCCTTCTAGTTTACAATGCTACCAACAATACTAATTTAGAAGGAAAAATCA
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        1550      1560      1570      1580      1590      1600
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Compare Genomic Sequences

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gi|274 CTCGGATATGTTTTTACAATGCTACTAATACATCTGTAGCCTACTGGGGGCCTCCTGATA
          2010      2020      2030      2040      2050      2060

           1730      1740      1750      1760      1770      1780
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           1790      1800      1810      1820      1830      1840
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       :::::::::   ::::  :::::::::::::::::: ::  :: :::::::::::::  ::::
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           1850      1860      1870      1880      1890      1900
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           1910      1920      1930      1940      1950      1960
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           1970      1980      1990      2000      2010      2020
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gi|274 TTGATGAATTGGCCTTCAAGATAGACCTCAGTAGCACATCACATGTAAATATCACAACTC
          2310      2320      2330      2340      2350      2360

           2030      2040      2050      2060      2070      2080
hSEC_6 GGAACTTGGCTCTCAGCGTATCATCCCTGTTACCAGGGACAAATGCAATTTCAAATTTTA
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gi|274 GGAATCTGGCTCTTGGTGTGTTTCATCCCTGTCCCCAGAAACCAATGAAATTTCAAATTTTA
          2370      2380      2390      2400      2410      2420

           2090      2100      2110      2120      2130      2140
hSEC_6 GCATTGGTCTTCCAAGCAATAATGAATCGTATTTCCAGATGGATTTTGAGAGTGGACAAG
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gi|274 GCATCGGTCTTCCAAGCAATAATGAATCCTACTTCCAGATGGATTTTGAAAGTGGACAAA
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           2150      2160      2170      2180      2190      2200
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Compare Genomic Sequences

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         2210      2220      2230      2240      2250      2260
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gi|274 ATTCTGTATTAGTTAAAAGAGCACAATTTACTTTCTTCAATAAAACCGGACTTTTCCAGG
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         2270      2280      2290      2300      2310      2320
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gi|274 ATGTAGAAACCCAGAAAGGCACCTTAGTGAGTTACGTGATGGCATGCAGTATTGGAAACA
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         2330      2340      2350      2360      2370      2380
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gi|274 TTACCATCCGGGATCTGAAGGATCCTGTTCGAATTAAAATCAAACATACAACAACTCAGG
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         2390      2400      2410      2420      2430      2440
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         2510      2520      2530      2540      2550      2560
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gi|274 GTAACCACCTCACACACTTTGGCGTTCTCATGGACCTTCCAAGAACCGCCTCACAGTTAG
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         2570      2580      2590      2600      2610      2620
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gi|274 TTTTTTCAGCAGCTACTCTCCTGACATATGTTGCTTTTGAGAAATTGCGAAGGGATTATC
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         2690      2700      2710      2720      2730      2740
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         2750      2760      2770      2780      2790      2800
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8/29/2003

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           3090      3100      3110      3120      3130      3140

        2810      2820      2830      2840      2850      2860
hSEC_6 TGCATTTCTTCCTTCTGGCAACCTTTACCTGGATGGGGCTAGAAGCAATTCACATGTACA
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           3150      3160      3170      3180      3190      3200

        2870      2880      2890      2900      2910      2920
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        3110      3120      3130      3140      3150      3160
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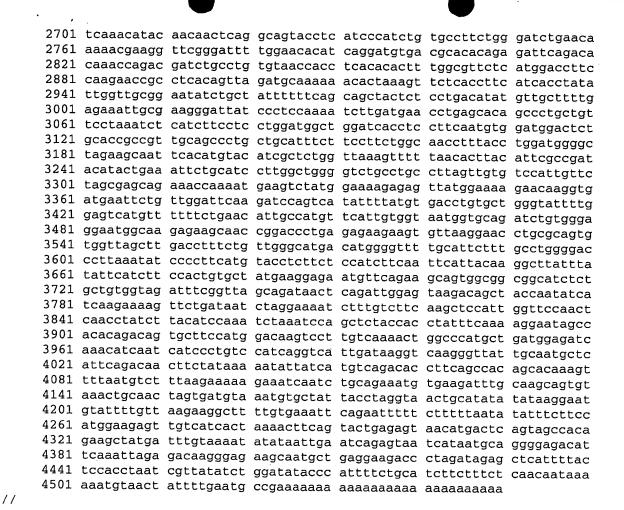
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Nucleotide

| PubMed | Nucleotide | Protein | Genome | Structure | PMC | Taxonomy | OMIM | Boo |

Search [Nucleotide ▼] for [   ] [Go] [Clear]

| Limits | Preview/Index | History | Clipboard | Details |

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☐ **1: AF216967. Homo sapiens puta...[gi:27435854]**   Links

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DEFINITION  Homo sapiens putative vascular inducible G protein-coupled receptor
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VERSION     AF216967.1  GI:27435854
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  ORGANISM  Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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REFERENCE   1  (bases 1 to 4550)
  AUTHORS   Stehlik,C., Dorfleutner,A., Binder,B.R. and Lipp,J.
  TITLE     VIGR - a novel inducible G protein-coupled receptor with an
            extended N-terminal domain: Selected by a screening method specific
            for secretory and membrane proteins
  JOURNAL   Unpublished
REFERENCE   2  (bases 1 to 4550)
  AUTHORS   Stehlik,C., Dorfleutner,A., Binder,B.R. and Lipp,J.
  TITLE     Direct Submission
  JOURNAL   Submitted (16-DEC-1999) Vascular Biology and Thrombosis Research,
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